



OECD approval number

1/1 997

OECD approval date

Full Code
06/09/2002

Make

Case IH

Model

CVX 170

Type

4 WD

9090.71 - 50 km/h

Manufacturer

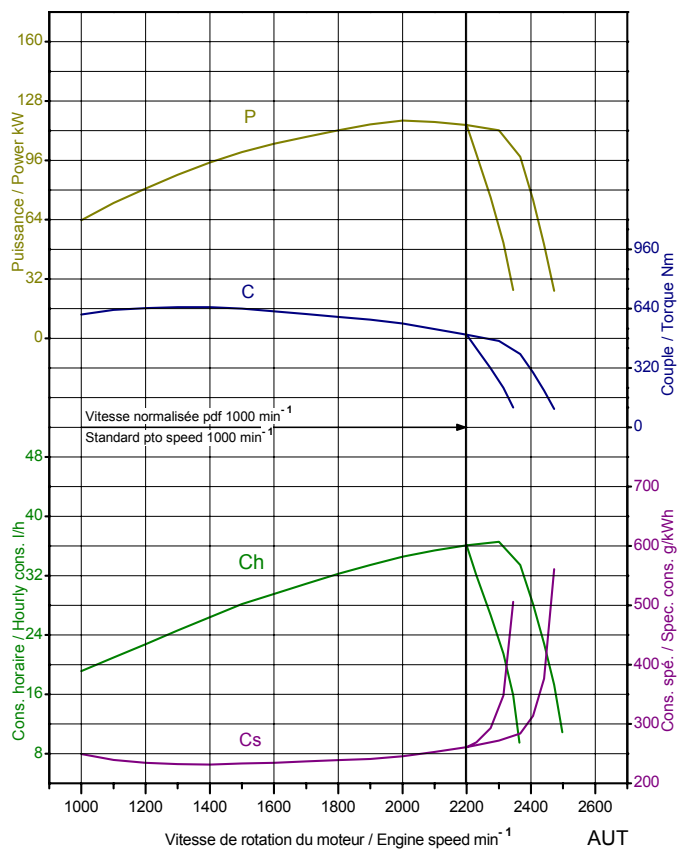
CNH Österreich GmbH

Testing station:

BLT, Wieselburg, Austria

Case IH CVX170
4 RM/WD

OCDE/OECD 1/1997



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu diesel	WD 620.90
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6596 cm ³	Liquid
<i>Gear box</i>	Hydrostatic and mechanical	
<i>Number of forward and reverse speeds</i>	Non significatif/Not significant	
<i>Speed at rated engine speed</i>	from 0.00	to 50.00 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	562 min ⁻¹	1047 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	117.4 kW	2000 min ⁻¹	910 min ⁻¹
<i>Hourly and specific consumption</i>		34.58 l/h	245 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	112.1 kW	2300 min ⁻¹	1047 min ⁻¹
<i>Hourly and specific consumption</i>		36.58 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	115.1 kW	2200 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		36.10 l/h	261 g/kWh

Torque rise

			39.1 %
<u>Maximum torque, Engine speed corresponding</u>	647.5 Nm	1300 min ⁻¹	

Drawbar Test*Front tyres, Rear tyres*

540/65 R 30 650/65 R 42

Test with tractorunballasted ballasted*Total Mass*

7055 kg 10950 kg

Maximum drawbar pull

70.0 kN 96.1 kN

at speed of

1.38 km/h 3.34 km/h

Maximum power

107.4 kW 105.9 kW

at speed of

9.66 km/h 9.34 km/h

Power Lift and Hydraulic Performance Test*Hydraulic system*

Closed centre

Maximum lifting force at hitch points, at frame

73.1 kN 67.1 kN

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	97.2 l/min	19.0 MPa	30.0 kW
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